



P25 Features Matrix: User List

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This document has been created by members of the Interoperable Communications Technical Assistance Program (ICTAP) through research and interpretation of the TIA 102 standards documents and feedback from members of the TIA standards community. It is not an official TIA document, though it was formally submitted for use by the TIA and its members. It is also intended to be a living document, reflecting the status of the P25 standards suite as it evolves.

The intent of this document is to give Public Safety Users and the general P25 Community an overview of what is currently defined for implementation within the P25 TIA-102 land mobile radio standards documents as of the date specified in appropriate document headers. ICTAP considers a feature to be "Defined" when sufficient supporting information can be found in the published standards documents in order for them to be implemented in P25 equipment by any manufacturer.

The information has been organized into separate tables for conventional and trunked radio operation. Within each section, the features are organized into a hierarchy of categories, options and sub-options. Categories are arranged by functional group or by P25 interface. Options are the primary features offered within the P25 standard. Sub-options are features available under their respective option. Each option and sub-option has a requirement level associated with it as defined below.

- **Mandatory (M)** – The user shall minimally receive all mandatory features when procuring P25 compliant equipment. The manufacturer shall minimally offer all mandatory features in their P25 compliant equipment.
- **Standard Option (SO)** – The user has the option to choose this feature. If a manufacturer chooses to offer the feature, it shall be implemented in compliance with the P25 standards.
- **Standard Option Required (SO-R)** – If a Standard Option is implemented by a manufacturer, all respective sub-options specified as SO-R shall be implemented as well.

Feedback is requested to identify errors, updates and areas of improvement. For additional information or to provide feedback, please contact: ictap-engineers@spawar.navy.mil.

ICTAP is a Department of Homeland Security program that offers free technical assistance to states and urban areas using Federal grant funding to improve interoperable communications for public safety and first responders.